--41. The method of claim 31 in which the first and second spatial spot sizes are less than 50 μm across their surface diameters.--

--42. The method of claim 41 in which the first and second spatial spot sizes are about 25 μm across their surface diameters.--

--43. The method of claim 31 in which the first and second laser outputs were generated at an average output power of greater than or equal to 225 mW.--

--44. The method of claim 31 in which the first and second energy densities comprise a fluence of greater than or equal to 2.30 J/cm^2.--

--45. The method of claim 44 in which the first and second energy densities comprise a fluence of greater than or equal to 14.79 J/cm^2.--

--46. The method of claim 45 in which the first and second energy densities comprise a fluence of greater than or equal to 28.72 J/cm^2.--

--47. The method of claim 31 in which the first and second energy densities comprise a power density of greater than or equal to 1.02 x 10^8 W/cm^2.--

--48. The method of claim 47 in which the first and second energy densities comprise a power density of greater than or equal to 7.18 x 10^8 W/cm^2.--

--49. The method of claim 37 in which the first and second energy densities comprise a fluence of greater than or equal to 14.79 J/cm^2.--

--50. The method of claim 37 in which the first and second energy densities comprise a power density of greater than or equal to 1.02 x 10^8 W/cm^2.--

--51. The method of claim 50 in which the first and second spatial spot sizes are less than 50 μm across their surface diameters.--

--52. The method of claim 31 in which the nonexcimer laser comprises a solid-state laser.--